



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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STATE NEEDING RAIN TO BALANCE HOT WEATHER

Rain showers were widely scattered throughout the State last week. A few areas reported rainfall up to 2 inches but most areas received none. Crops are beginning to show signs of stress due to a lack of moisture. The State’s tobacco producers continued to fight diseases, as many growers are reporting black shank. Despite this trouble, tobacco is still rated in mostly good-to-fair condition. Farmers in some areas beginning to top and apply sucker control chemicals to burley. Cotton is rated in mostly good-to-excellent condition. Some producers are scouting fields and trapping insects, while others are applying growth regulators. Most of the State’s cotton has begun to set bolls. Corn is rated in mostly good-to-excellent condition with over three-fourths of the crop in the silking or beyond stage. Most farmers were able to finish planting their double crop soybeans. As of Sunday 95 percent of the crop was emerged. The second cutting of alfalfa continues to roll along with 69 percent of the hay cut. There were 6 days considered suitable for fieldwork this past week. As of Friday, topsoil moisture levels were rated, 6 percent very short, 30 percent short, 59 percent adequate, and 5 percent surplus. Subsoil moisture levels were rated 4 percent very short, 33 percent short, 62 percent adequate, and 1 percent surplus.

CROP PROGRESS: Through July 9, 2000

CROP CONDITION: On July 7, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking or Beyond	79	58	80	65	Corn	1	4	14	45	36
Soybeans - Emerged	95	87	97	N/A	Soybeans	1	3	14	54	28
Soybeans - Blooming	10	2	18	8	Tobacco	1	6	35	49	9
Cotton - Squaring	98	90	99	91	Cotton	0	3	21	52	24
Cotton - Setting Bolls	25	8	32	20	Pastures	2	8	32	50	8
Alfalfa Hay - Second Cutting	69	43	50	62	Other Hay	1	8	29	49	13
					Cattle	0	3	21	60	16

CORN: Seventy-nine percent of the State’s corn crop has reached the silking stage, over a week ahead of the 5-year average. Some fields are showing stress due to the recent hot, dry weather; however, overall the crop is still rated 81 percent good-to- excellent condition.

SOYBEANS: The State soybean crop is looking good as producers have finished planting their double crop soybeans with most fields emerging. Moisture will be extremely important now as the beans are entering the blooming stage.

TOBACCO: Disease continues to be a problem for tobacco farmers this year. Black shank is showing up on a widespread basis in many fields. Some producers are beginning to irrigate their fields.

COTTON: Ninety-eight percent of the State’s cotton has reached the squaring stage, on pace with last year’s crop. Producers are spraying their fields to control insects, weeds, and plant growth.

CATTLE: Cattle are rated in mostly good condition, although pink eye has been spotted among some beef herds.

PASTURES & HAY: Pastures are holding in the good-to-fair range, but most areas could use some rain. Sixty-nine percent of the second cutting of alfalfa hay has been completed.

TEMPERATURES AND PRECIPITATION For week ending: 07/09/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/09/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	07/09/00	Days	Since April 1	From Normal	Total	DFN
Ames_Plantation	96	66	81	+3	0.00	0	13.71	-1.77	1087	+35
Bristol	87	59	76	+2	0.40	2	11.70	-0.26	748	+105
Brownsville_TN	95	70	82	+3	0.01	1	13.53	-1.94	1111	+236
Chattanooga	95	65	81	+4	0.46	2	15.14	+1.58	1173	+240
Clarksville_Sew	97	65	82	+5	0.06	1	17.67	+3.86	1088	+198
Cookeville	91	61	77	+3	0.00	0	18.01	+2.28	809	+301
Covington	96	68	82	+3	0.00	0	14.52	-0.77	1135	+76
Crossville_AP	90	62	77	+5	0.00	0	17.52	+2.04	753	+160
Dickson_AG	92	62	79	+2	0.07	1	13.05	-2.60	890	-46
Dover_1W	95	65	81	+5	0.00	0	17.90	+3.22	929	+149
Dyersburg	95	66	82	+2	0.04	1	17.11	+2.41	1109	-30
Erwin_1W	89	56	75	+4	1.94	3	15.10	+0.10	729	-58
Huntingdon_Wate	92	62	78	-1	0.00	0	13.46	-1.62	797	-35
Jackson_AG	94	67	81	+2	0.09	1	12.89	-3.04	1051	+56
Kingston_AG	92	64	80	+6	0.00	0	16.66	+0.97	961	+261
Knoxville_AP	91	67	79	+4	0.20	1	16.20	+2.98	978	+185
Lewisburg	94	62	78	+2	0.00	0	16.22	+0.57	843	+39
Lexington_TN	95	65	81	+3	0.00	0	14.01	-0.76	1027	+483
Linden	97	60	79	+3	0.23	1	13.22	-2.64	895	+73
Martin	97	62	80	+3	0.13	1	18.01	+2.40	1014	+67
Mc_Minnville_Tn	92	62	78	+2	0.07	2	15.03	-0.10	934	-135
Memphis_AG	95	61	81	-2	0.00	0	12.20	-2.83	1154	-124
Milan	96	58	79	+1	0.03	1	13.14	-3.05	866	-59
Murfreesboro_5N	92	62	79	+2	0.81	1	18.64	+3.56	884	-183
Nashville	95	68	82	+4	0.00	0	15.58	+1.64	1072	+88
Newcomb	89	56	76	+4	0.28	3	14.87	-0.92	737	+198
Oneida	90	52	73	+0	0.26	2	17.62	+1.83	677	-201
Pikeville	94	64	78	+3	0.10	1	13.59	-0.64	888	+108
Portland_TN	94	64	80	+4	0.06	1	14.08	-1.21	921	+137
Pulaski_Water_P	95	64	80	+2	0.82	1	18.92	+3.98	942	-60
Savannah_6SW	97	66	82	+4	0.73	2	12.25	-4.25	1188	+330
Sparta_TN	91	62	77	+3	0.08	1	17.94	+2.59	902	+224
Springfield	96	60	80	+4	0.00	0	14.61	+0.05	893	+99
Springhill	94	64	79	+3	0.93	2	15.23	-0.60	968	+183
Union_City	93	65	80	+2	0.19	1	17.74	+2.40	945	+20

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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